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OM protein - protein search, using sw model

Run on: August 9, 2003, 16:25:48 ; Search time 15.0857 Seconds  
(without alignments)  
44.875 Million cell updates/sec

Title: US-09-905-691-5

Perfect score: 16

Sequence: 1 CRRARARARARARAE 16

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 328717 seqs, 42310858 residues

Word size : 0

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Issued Patents:AA:\*  
1: /cgn2.6/prodata/1/1aa/5A\_COMB.pep.\*  
2: /cgn2.6/prodata/1/1aa/5B\_COMB.pep.\*  
3: /cgn2.6/prodata/1/1aa/6A\_COMB.pep.\*  
4: /cgn2.6/prodata/1/1aa/6B\_COMB.pep.\*  
5: /cgn2.6/prodata/1/1aa/PCTUS\_COMB.pep.\*  
6: /cgn2.6/prodata/1/1aa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	16	100.0	16	3	US-09-166-930A-8
2	15	93.8	16	2	US-08-660-592-11
3	15	93.8	19	2	US-08-660-592-10
4	9	56.2	19	2	US-08-660-592-4
5	9	56.2	19	3	US-09-166-930A-4
6	9	56.2	92	4	US-09-056-556-228
7	9	56.2	92	4	US-09-072-596-223
8	9	56.2	160	4	US-09-056-556-235
9	9	56.2	160	4	US-09-072-596-230
10	8	50.0	416	4	US-09-252-991A-19218
11	8	50.0	535	4	US-09-252-991A-17140
12	8	50.0	786	4	US-09-252-991A-30441
13	8	50.0	869	4	US-09-252-991A-17678
14	7	43.8	21	2	US-08-660-592-9
15	7	43.8	21	3	US-09-166-930A-7
16	7	43.8	120	4	US-09-702-705-797
17	7	43.8	120	4	US-09-736-457-797
18	7	43.8	125	4	US-09-252-991A-32594
19	7	43.8	133	4	US-09-252-991A-27120
20	7	43.8	142	4	US-09-252-991A-28123
21	7	43.8	145	4	US-09-252-991A-20032
22	7	43.8	160	4	US-09-252-991A-28246
23	7	43.8	171	4	US-09-252-991A-20639
24	7	43.8	171	4	US-09-252-991A-24631
25	7	43.8	171	4	US-09-252-991A-31498
26	7	43.8	179	4	US-09-252-991A-31486
27	7	43.8	181	4	US-09-252-991A-30481

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28 7 43.8 183 4 US-09-252-991A-20768 Sequence 20768, A
29 7 43.8 188 4 US-09-252-991A-24789 Sequence 24789, A
30 7 43.8 218 4 US-09-252-991A-31933 Sequence 31933, A
31 7 43.8 235 4 US-09-252-991A-18066 Sequence 18066, A
32 7 43.8 234 4 US-09-252-991A-20551 Sequence 20551, A
33 7 43.8 257 4 US-09-252-991A-31359 Sequence 31359, A
34 7 43.8 274 4 US-09-252-991A-19018 Sequence 19018, A
35 7 43.8 283 4 US-09-252-991A-17745 Sequence 17745, A
36 7 43.8 291 4 US-09-252-991A-23831 Sequence 23831, A
37 7 43.8 295 4 US-09-252-991A-21789 Sequence 21789, A
38 7 43.8 299 4 US-09-252-991A-23674 Sequence 23674, A
39 7 43.8 335 4 US-09-252-991A-20380 Sequence 20380, A
40 7 43.8 341 4 US-09-252-991A-20302 Sequence 20302, A
41 7 43.8 348 4 US-09-252-991A-26643 Sequence 26643, A
42 7 43.8 348 4 US-09-252-991A-26643 Sequence 26643, A
43 7 43.8 390 4 US-09-252-991A-22732 Sequence 22732, A
44 7 43.8 409 4 US-09-252-991A-32963 Sequence 32963, A
45 7 43.8 439 4 US-09-252-991A-23431 Sequence 23431, A

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#### ALIGNMENTS

```

RESULT 1
US-09-166-930A-8
; Sequence 8, Application US/09166930A
; Patent No. 6200955
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; FILE REFERENCE: 006338-006
; CURRENT APPLICATION NUMBER: US/09/166,930A
; CURRENT FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: US 08/660,592
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Tris Arg #3
US-09-166-930A-8

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Query Match 100.0%; Score 16; DB 3; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e-09;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 CRRARARARARAE 16
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Db 1 CRRARARARARAE 16

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RESULT 2
US-08-660-592-11
; Sequence 11, Application US/08660592
; Patent No. 587153
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATRIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICANT: HARRIS, Robert B.  
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
FILE REFERENCE: 006338-001  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-660-592-11

Query Match 93.8%; Score 15; DB 2; Length 16;  
Best Local Similarity 100.0%; Pred. No. 7.4e-08;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRAAARARRAAEA 16  
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DB 2 RRAAARARRAAEA 16

RESULT 3  
US-08-660-592-10  
Sequence 10, Application US/08660592  
Patent No. 5877153  
GENERAL INFORMATION:  
APPLICANT: HARRIS, Robert B.  
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
FILE REFERENCE: 006338-001  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-660-592-10

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICANT: HARRIS, Robert B.  
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
FILE REFERENCE: 006338-001  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-660-592-4

Query Match 93.8%; Score 15; DB 2; Length 19;  
Best Local Similarity 100.0%; Pred. No. 8.7e-08;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRAAARARRAAEA 16  
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DB 5 RRAAARARRAAEA 19

RESULT 4  
US-08-660-592-4  
Sequence 4, Application US/08660592  
Patent No. 5877153  
GENERAL INFORMATION:  
APPLICANT: HARRIS, Robert B.  
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
FILE REFERENCE: 006338-001  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-660-592-4

Query Match 56.2%; Score 9; DB 2; Length 19;  
Best Local Similarity 100.0%; Pred. No. 0.02;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 ARAAARRA 12  
|||||  
DB 4 ARAAARRA 12

RESULT 5  
US-09-166-930A-4  
Sequence 4, Application US/09166930A  
Patent No. 6200955  
GENERAL INFORMATION:  
APPLICANT: HARRIS, Robert B.  
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
FILE REFERENCE: 006338-006  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-660-592-10

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 4

LENGTH: 19

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: branched-chain

OTHER INFORMATION: heparin-binding peptide Arg Helix #1

US-09-166-930A-4

Query Match

Best Local Similarity 56.2%; Score 9; DB 3; Length 19;

Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 AAAAAARRA 12

DB 4 AAAAAARRA 12

RESULT 6

US-09-056-556-228

Sequence 228, Application US/09056556

Patent No. 6350456

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Dillon, Davin C.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND

NUMBER OF SEQUENCES: 241

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/056,556

FILING DATE: 07-APR-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.457

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 228:

SEQUENCE CHARACTERISTICS:

LENGTH: 92 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-056-556-228

Query Match

Best Local Similarity 56.2%; Score 9; DB 4; Length 92;

Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRARAE 15

DB 39 AAARRARAE 47

RESULT 7

US-09-072-596-223

Sequence 223, Application US/09072596

Patent No. 6458366

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Dillon, Davin C.

APPLICANT: Campos-Neto, Antonia

APPLICANT: Houghton, Raymond

APPLICANT: Vedvick, Thomas S.

APPLICANT: Twardzik, Daniel R.

APPLICANT: Lodes, Michael J.

APPLICANT: Hendrickson, Ronald C.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF

NUMBER OF SEQUENCES: 350

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/072,596

FILING DATE: 05-MAY-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.417C9

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 223:

SEQUENCE CHARACTERISTICS:

LENGTH: 92 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-072-596-223

Query Match

Best Local Similarity 56.2%; Score 9; DB 4; Length 92;

Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRARAE 15

DB 39 AAARRARAE 47

RESULT 8

US-09-056-556-235

Sequence 235, Application US/09056556

Patent No. 6350456

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Dillon, Davin C.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND

NUMBER OF SEQUENCES: 241

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

TUBERCULOSIS

;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentin Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/056.556  
;; FILING DATE: 07-APR-1998  
;; CLASSIFICATION:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Mak1, David J.  
;; REGISTRATION NUMBER: 31,392  
;; REFERENCE/DOCKET NUMBER: 210121.457  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (206) 622-4900  
;; TELEFAX: (206) 682-6031  
;; INFORMATION FOR SEQ ID NO: 235:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 160 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; US-09-056-556-235

Query Match 56.2%; Score 9; DB 4; Length 160;  
Best Local Similarity 100.0%; Pred. No. 0.14; Mismatches 0; Indels 0; Gaps 0;  
Matches 9; Conservative 0;

Qy 7 AAARRARAE 15  
| | | | | | | |  
Db 31 AAARRARAE 39

RESULT 9  
US-09-072-596-230  
; Sequence 230, Application US/09072596  
; Patent No. 6458366  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Skelky, Yasir A.W.  
; APPLICANT: Dillon, Davin C.  
; APPLICANT: Campos-Neto, Antonia  
; APPLICANT: Houghton, Raymond  
; APPLICANT: Vedvick, Thomas S.  
; APPLICANT: Twardzik, Daniel R.  
; APPLICANT: Lodes, Michael J.  
; APPLICANT: Hendrickson, Ronald C.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF  
; NUMBER OF SEQUENCES: 350  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/072,596  
; FILING DATE: 05-MAY-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mak1, David J.  
; REGISTRATION NUMBER: 31,392  
; REFERENCE/DOCKET NUMBER: 210121.417C9  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 230:  
; SEQUENCE CHARACTERISTICS:

;; LENGTH: 160 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; US-09-072-596-230

Query Match 56.2%; Score 9; DB 4; Length 160;  
Best Local Similarity 100.0%; Pred. No. 0.14; Mismatches 0; Indels 0; Gaps 0;  
Matches 9; Conservative 0;

Qy 7 AAARRARAE 15  
| | | | | | | |  
Db 31 AAARRARAE 39

RESULT 10  
US-09-252-991A-19218  
; Sequence 19218, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 19218  
; LENGTH: 416  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
; FEATURE:  
; NAME/KEY: UNSURE  
; LOCATION: (20)  
; OTHER INFORMATION: Identity of amino acid at the above locations are unknown.  
US-09-252-991A-19218

Query Match 50.0%; Score 8; DB 4; Length 416;  
Best Local Similarity 100.0%; Pred. No. 2.6; Mismatches 0; Indels 0; Gaps 0;  
Matches 8; Conservative 0;

Qy 5 ARAARRA 12  
| | | | | | | |  
Db 220 ARAARRA 227

RESULT 11  
US-09-252-991A-17140  
; Sequence 17140, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 17140  
; LENGTH: 535  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-17140

TUBERCULOSIS

```
Query Match      50.0%; Score 8; DB 4; Length 535;
Best Local Similarity 100.0%; Pred. No. 3.3;
Matches 8; Conservative 0; Mismatches 0; Gaps 0;

Qy      7 AAARRARA 14
Db      193 AAARRARA 200

RESULT 12
US-09-252-991A-30441
; Sequence 30441, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252.991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 30441
; LENGTH: 786
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30441

Query Match      50.0%; Score 8; DB 4; Length 786;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 8; Conservative 0; Mismatches 0; Gaps 0;

Qy      7 AAARRARA 14
Db      583 AAARRARA 590

RESULT 13
US-09-252-991A-17678
; Sequence 17678, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252.991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 17678
; LENGTH: 869
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17678

Query Match      50.0%; Score 8; DB 4; Length 869;
Best Local Similarity 100.0%; Pred. No. 5.1;
Matches 8; Conservative 0; Mismatches 0; Gaps 0;

Qy      2 RRAARRAA 9
Db      10 RRAARRAA 17

RESULT 14
US-08-660-592-9
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; Sequence 9, Application US/08660592
; Patent No. 5877153
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,592
; FILING DATE: 11-JUN-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 006338-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-660-592-9

Query Match      43.8%; Score 7; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy      6 RAAARRA 12
Db      15 RAAARRA 21

RESULT 15
US-09-166-930A-7
; Sequence 7, Application US/09166930A
; Patent No. 6200555
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; FILE REFERENCE: 006338-006
; CURRENT APPLICATION NUMBER: US/09/166,930A
; CURRENT FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: US 08/660,592
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: branched-chain
; OTHER INFORMATION: heparin-binding peptide Arg Helix #5
US-09-166-930A-7

Query Match      43.8%; Score 7; DB 3; Length 21;
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Best Local Similarity 100.0%; Pred. No. 1.4;  
Matches 7; Conservative 0; Mismatches 0;

Indels 0; Gaps 0;

OY 6 RAAARRA 12

DB 15 RAAARRA 21

Search completed: August 9, 2003, 16:35:22  
Job time : 16.0857 secs